

AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1 - 53. (Cancelled)

54. (Currently Amended) A user content delivery method comprising:
at an agent resident on a network element in a network,
establishing a set of user content delivery preferences relating to user content to be delivered at a future time, wherein the set of user content delivery preferences comprises ~~at least one of delivery time and a~~ delivery cost constraint indicative of a maximum cost that a user is willing to pay to have the user content delivered;
receiving a request from a wireless terminal connected to the network, the request directed to the user content for which user content delivery preferences have been established;
sourcing the user content in response to receiving the request;
selecting, based on ~~at least the delivery cost constraintsaid set of user content delivery preferences,~~ between at least two networks over which to deliver said user content from the agent to the terminal; and
scheduling delivery of the content from the agent to the terminal over the selected network.

55. (Previously Presented) The user content delivery method of claim 54, further comprising maintaining in the agent a log of sourced user content relating to the request.

56. (Previously Presented) The user content delivery method of claim 55, further comprising maintaining in the log an indication of the delivery status of the user content.

57. (Previously Presented) The user content delivery method of claim 56, further comprising acknowledging receipt of the user content over a duplex network.

58. (Previously Presented) The user content delivery method of claim 57, further comprising updating the delivery status of the log on receiving an acknowledgement receipt.

59. (Previously Presented) The user content delivery method of claim 54, further comprising notifying over a duplex network the terminal prior to the delivery of the user content over a simplex network.

60. (Cancelled)

61. (Previously Presented) The user content delivery method of claim 54, further comprising reviewing user content items on a data carousel, and determining from the reviewing step if any forthcoming user content matches the user request.

62. (Previously Presented) The user content delivery method of claim 54, further comprising conducting a search for user content relating to the request, using a network.

63. (Currently Amended) The user content delivery method of claim 54, further comprising storing in the agent at least one of information relating to the last update of user content relating to the request, ~~and/or~~ information relating to the user's time and/or frequency of updating preferences, ~~and/or~~ and information relating to domains to which searching relating to the user content request is limited.

64. (Currently Amended) The user content delivery method of claim 54, further comprising storing in the agent user preferences relating to plural users, ~~and optionally~~ sourcing an item of user content, ~~and~~ sending the user content to plural users, and ~~optionally~~ maintaining in the agent a log of which ones of the plural users have received the item of user content.

65. (Previously Presented) The user content delivery method of claim 64, in which the plural users each are able to define a relevance level of user content of which they require delivery.

66. (Currently Amended) The user content delivery method of claim 64, comprising periodically sourcing content, and using the user preferences for the plural users to determine which ones of the plural users the content is required by.

67. (Cancelled)

68. (Cancelled)

69. (Currently Amended) The user content delivery method of claim 54 further comprising: reducing power consumption of the wireless terminal by scheduling the timing of the delivery of the user content so that the wireless terminal can improve power consumption by limiting to limit an amount of time the wireless terminal is connected to the selected network.

70. (Previously Presented) The user content delivery method of claim 54 wherein the set of user content delivery preferences further comprises a selection of at least one domain from which content is to be sourced.

71. (Previously Presented) The user content delivery method of claim 54 further comprising: automating multiple user content delivery events at different times in the future in response to the request without further user interaction after receipt of the request.

72. (Currently Amended) An apparatus comprising:
a memory storing a computer program configured to operate a user content delivery agent function in a network; and
a controller configured to execute the computer program, ~~wherein when the program is executed the following operations are performed:~~ to cause the apparatus at least to perform
establishing a set of user content delivery preferences relating to user content to be delivered at a future time, wherein the set of user content delivery preferences comprises ~~at least one of delivery~~

time and a delivery cost constraint indicative of a maximum cost that a user is willing to pay to have the user content delivered;

receiving a request from a wireless terminal connected to the network, the request directed to the user content for which user content delivery preferences have been established;

sourcing the user content in response to receiving the request;

selecting, based on at least the delivery cost constraintsaid set of user content delivery preferences, between at least two ~~network~~ networks over which to deliver said user content from the agent to the terminal; and

scheduling delivery of the content from the agent to the terminal over the selected network.

73. (Currently Amended) The apparatus of claim 72 wherein the operations further comprise: ~~scheduling the timing of the delivery of the user content so that the wireless terminal can improve power consumption by limiting an amount of time the wireless terminal is connected to the selected network~~ reducing power consumption of the wireless terminal by scheduling the timing of the delivery of the user content to limit an amount of time the wireless terminal is connected to the selected network.

74. (Previously Presented) The apparatus of claim 72 wherein the set of user content delivery preferences further comprises a selection of at least one domain from which content is to be sourced.

75. (Previously Presented) The apparatus of claim 72 wherein the operations further comprise:
automating multiple user content delivery events at different times in the future in response to the request without further user interaction after receipt of the request.

76. (Currently Amended) An apparatus comprising:

a memory storing a computer program, wherein when executed the computer program is

configured to provide a user content delivery agent function in a network by performing operations, the operations comprising:

establishing a set of user content delivery preferences relating to user content to be delivered at a future time, wherein the set of user content delivery preferences comprises ~~at least one of delivery time and a~~ delivery cost constraint indicative of a maximum cost that a user is willing to pay to have the user content delivered;

receiving a request from a wireless terminal connected to the network, the request directed to the user content for which user content delivery preferences have been established;

sourcing the user content in response to receiving the request;

selecting, based on at least the delivery cost constraints~~aid set of user content delivery preferences~~, between at least two ~~network~~ wireless networks over which to deliver said user content from the agent to the wireless terminal; and

scheduling delivery of the content from the agent to the wireless terminal over the selected wireless network.

77. (New) The apparatus of claim 76 where the operations further comprise:
reducing power consumption of the wireless terminal by scheduling the timing of the delivery of the user content to limit an amount of time the wireless user terminal is connected to the selected wireless network.

78. (New) The apparatus of claim 76, where the set of user content delivery preferences further comprises information indicative of a user content delivery latency, where the delivery latency is subject to the delivery cost constraint.

79. (New) The apparatus of claim 76, where the operation of selecting comprises an operation of requesting a delivery cost estimate for at least one of the wireless networks.

80. (New) The apparatus of claim 76, further comprising an operation, performed in response to being unable to select a wireless network that meets the delivery cost constraint, of notifying a

user of the wireless terminal to enable the user to one of override the delivery cost constraint or maintain the delivery cost constraint.

81. (New) The user content delivery method of claim 54, where the set of user content delivery preferences further comprises information indicative of a user content delivery latency, where the delivery latency is subject to the delivery cost constraint.

82. (New) The user content delivery method of claim 54, where selecting comprises requesting a delivery cost estimate for at least one of the at least two networks.

83. (New) The user content delivery method of claim 54, further comprising, in response to being unable to select a network that meets the delivery cost constraint, notifying a user of the wireless terminal to enable the user to one of override the delivery cost constraint or maintain the delivery cost constraint.

84. (New) The apparatus of claim 72, where the set of user content delivery preferences further comprises information indicative of a user content delivery latency, where the delivery latency is subject to the delivery cost constraint.

85. (New) The apparatus of claim 72, where selecting comprises requesting a delivery cost estimate for at least one of the at least two networks.

86. (New) The apparatus of claim 72, further comprising, in response to being unable to select a network that meets the delivery cost constraint, of notifying a user of the wireless terminal to enable the user to one of override the delivery cost constraint or maintain the delivery cost constraint.